upper reach 14 of the conveyor 16 between the discharge ports 10, 12 of the hopper 8. The breading material passing out of the leading discharge port 10 will fall on the reach 14 and coat the same so that when the oyster is placed on 5 the reach at the described point it will immediately receive on its lower surface a coating of breading material. The material falling from the trailing port 12 will fall onto the upper and side surfaces of the oyster as the oyster passes 10 under port 12 as the belt moves, thus completely covering the oyster with a coating of breading material. As the oyster moves with conveyor 16 it passes under the roller 18 which acts to press the breading coating to the oyster, thus making 15 it adhere more firmly. When the coated oyster reaches the discharge end of reach 14 of conveyor 16 it will fall therefrom onto the downwardly-inclined screen 20 and will be delivered from the lower end of this screen to the inlet end 20 of the upper reach 22 of endless belt 24. At the same time, excess breading material falling from the upper reach 14 onto the screen 20 will pass through the screen into the hopper 2 from which it will be re-delivered to the upper reach 4 of 25 the conveyor 6. The breaded oyster on the wire belt 22 will be subjected to the upwardly and downwardly directed sprays of batter from nozzles 26, 28, thus completely coating the breaded oyster with liquid batter. The oyster thus coat- 30 ed will move along with the upper reach 22 of conveyor 24 and will fall therefrom onto the upper reach 42 of conveyor 40 at a point between the discharge openings 46, 48 of breading hopper 44, thus insuring that the batter-covered 35 surface of the oyster will receive a complete coating of breading. After it leaves the hopper 44 the oyster will move to the discharge end of reach 42 from which it will fall onto the delivery screen 56. As it moves with conveyor 40 it passes under roller 50 which acts to press the breading and batter coatings to the oyster, making them adhere more firmly. Excess breading material falling from the upper reach 42 of conscreen into the hopper 60 from which it will be delivered by conveyor 64 to the hopper 44 from which it will be re-delivered to the upper reach 42 of conveyor 40.

It will be apparent that by the means provided by this invention an oyster or other food product will be given a first coating of an adherent material such as breading, then a coating of adherent batter, and then a second coating of breading material and that, by reason of the 55 construction and arrangement of the parts, all surfaces of the oyster or other food product will be completely covered.

While I have described a machine for applying three coatings to the food product it will 60 be apparent that within the scope of the invention additional coatings may be applied to the food product by utilization of means which are the same as or similar to those disclosed. It will also be apparent that within the scope of 65 this invention products other than food products may be treated by the means disclosed. The disclosed means and apparatus are not to be considered, therefore, as limiting the invention in any way and a definition of the scope of the in- 70 vention must be had by reference to the appended claims.

What is claimed is:

1. Apparatus for providing an edible coating

to an edible food product such as an oyster which has such a texture that dry particles will adhere thereto, comprising a first endless conveyor belt on the upper reach of which un-coated edible products are adapted to be placed at a predetermined point, means for supplying dry, edible granular material to said upper reach at points behind and ahead of said pre-determined point whereby the entire outer surface of the product is covered, screening means at the delivery end of said conveyor belt to receive and separate the coated products and the excess granular material not adhering thereto, a second endless conveyor belt parallel to said first belt and which travels in a direction opposite to the direction in which said first conveyor belt travels, means for supplying dry granular material to the second belt, a third endless conveyor belt formed of open material and positioned to receive coated products from said screening means, means positioned adjacent said third belt for subjecting coated products thereon to oppositely directed sprays of an edible adherent liquid batter, a fourth endless conveyor belt positioned to receive coated products from the delivery end of said third belt at a pre-determined point on the upper reach thereof, and means for supplying dry edible granular particles to the upper reach of said fourth belt at points behind and ahead of said pre-determined point whereby the entire outer surface of the coated oyster is again covered with said dry particles.

2. Apparatus according to claim 1, in which the means for supplying dry granular material to the second conveyor belt comprises a hopper the open upper end of which is positioned below the screening means at the delivery end of the first

conveyor belt.

3. Apparatus according to claim 1, in which the means for supplying dry granular material to the first conveyor belt comprises a hopper having two discharge openings which are spaced longitudinally of the first conveyor belt and are positioned behind and ahead of the pre-deterveyor 40 onto the screen 56 will pass through the 45 mined point at which the food product is placed on the first conveyor belt.

4. Apparatus according to claim 1, comprising in addition means for supplying excess granular material from the delivery end of the fourth conveyor belt to the means for supplying particles to the upper reach of the fourth belt.

- 5. Apparatus according to claim 4 in which such means comprise an endless conveyor belt having its inlet and delivery ends adjacent the delivery and inlet ends, respectively, of the fourth conveyor belt, and means at each pair of adjacent ends of said belts for receiving granular particles from the delivery end of one belt and delivering them to the inlet end of the other belt.
- 6. Apparatus according to claim 5, in which each of said last-named means comprises a hopper having its open upper end below the delivery end of one belt and its open discharge end above the other belt.

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